

Table 4E
2009 Pediatric Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Racial and Ethnic Distribution by Region
Children Aged < 5 Years ⁽²⁾

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Comparison of Racial and Ethnic Distribution								
Region	Number Included in Analysis (3)	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other / Unknown %
CDHU	590	65.4	1.5	8.6	15.8	0.5	8.1	0.0
FDHU	2,266	69.5	2.7	10.1	7.5	0.8	9.4	0.1
James R	1,085	87.5	0.9	7.0	1.5	0.1	3.0	0.0
LRDHU	1,246	33.8	0.1	3.8	57.3	0.3	4.7	0.0
North RR	2,454	57.5	5.1	21.1	6.6	1.0	8.6	0.0
Rolette	1,438	2.0	0.1	2.8	93.0	0.3	1.6	0.1
So Central	1,751	57.5	1.1	6.1	22.8	0.6	11.9	0.0
South RR	3,742	65.3	11.8	9.4	4.5	1.6	7.2	0.2
SWDHU	661	82.6	2.4	7.0	3.6	0.3	3.9	0.2
UMDHU	575	69.9	1.0	8.5	7.3	0.7	11.3	1.2
North Dakota	15,808	58.0	4.4	9.6	19.8	0.8	7.3	0.1
Nation (Prior Year)	8,164,612	31.7	18.8	41.0	1.0	2.6	2.1	2.7

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with errors.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 5E
2009 Pediatric Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Age Distribution by Region
Children Aged < 5 Years ⁽²⁾

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Comparison of Age Distribution				
Region	Number Included in Analysis (3,4)	0 - 11 Months %	12 - 23 Months %	24 - 59 Months %
CDHU	590	38.8	19.3	41.9
FDHU	2,266	41.9	17.0	41.1
James R	1,085	35.7	16.9	47.5
LRDHU	1,246	32.7	15.7	51.7
North RR	2,454	37.9	18.1	44.0
Rolette	1,438	30.7	17.9	51.4
So Central	1,751	39.1	18.0	42.9
South RR	3,742	37.5	18.7	43.8
SWDHU	661	37.4	17.7	44.9
UMDHU	575	42.8	13.7	43.5
North Dakota	15,808	37.5	17.7	44.9
Nation (Prior Year)	8,164,612	35.8	23.0	41.3

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Records rejected if date of birth and date of visit unknown.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 6E
2009 Pediatric Nutrition Surveillance (1)
North Dakota
Comparison of Growth and Anemia Indicators by Region
Children Aged < 5 Years (2)

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Comparison of Growth and Anemia Indicators												(3,4)	
Region	Birthweight (5)			Height and Weight							Anemia Low Hb/Hct (8)		
	Low		High	Short Stature (6)			Under- weight (7)	Obese (7)	≥ 2 Yrs Over- weight (7)				
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% <5th (Rank)	% <5th (Rank)	% ≥95th (Rank)	Number	% 85th- <95th (Rank)	% ≥95th (Rank)	Number	% (Rank)	
CDHU	155	9.0 (7)	6.5 (3)	586	5.3 (7)	2.6 (6)	11.4 (3)	245	18.8 (9)	8.2 (1)	440	10.7 (8)	
FDHU	562	7.1 (4)	8.7 (5)	2,230	5.0 (5)	3.3 (9)	10.8 (1)	906	17.9 (7)	13.5 (6)	1,496	5.4 (3)	
James R	226	10.6 (10)	9.7 (9)	1,071	5.0 (5)	2.3 (4)	13.4 (5)	512	15.6 (2)	11.9 (5)	816	10.3 (7)	
LRDHU	239	7.9 (5)	14.2 (10)	1,228	3.0 (1)	2.9 (7)	14.8 (8)	633	17.7 (6)	11.7 (4)	974	20.0 (10)	
North RR	543	6.4 (2)	8.7 (5)	2,395	4.6 (4)	2.5 (5)	13.5 (6)	1,046	16.4 (4)	14.3 (8)	1,616	11.0 (9)	
Rolette	274	10.2 (9)	9.5 (8)	1,423	3.3 (2)	1.3 (1)	22.9 (10)	738	23.7 (10)	26.6 (10)	1,182	3.8 (1)	
So Central	377	9.3 (8)	5.6 (1)	1,727	5.4 (9)	2.1 (3)	15.3 (9)	740	18.0 (8)	15.8 (9)	1,354	9.3 (5)	
South RR	887	8.0 (6)	7.9 (4)	3,681	4.1 (3)	2.9 (7)	11.4 (3)	1,618	15.8 (3)	10.9 (3)	2,701	9.6 (6)	
SWDHU	158	7.0 (3)	5.7 (2)	644	5.9 (10)	3.9 (10)	11.0 (2)	286	15.0 (1)	10.8 (2)	441	6.1 (4)	
UMDHU	153	5.2 (1)	9.2 (7)	566	5.3 (7)	1.4 (2)	13.6 (7)	244	16.8 (5)	13.9 (7)	412	5.1 (2)	

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Rank compares this region's rate to other regions. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(7) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Table 6E
2009 Pediatric Nutrition Surveillance (1)
North Dakota
Comparison of Growth and Anemia Indicators by Region
Children Aged < 5 Years (2)

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Comparison of Growth and Anemia Indicators (3,4)													
Region	Birthweight (5)			Height and Weight							Anemia Low Hb/Hct (8)		
	Low		High		Short Stature (6)	Under- weight (7)	Obese (7)	≥ 2 Yrs Over- weight (7)					
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% <5th (Rank)	% <5th (Rank)	% ≥95th (Rank)	Number	% 85th- (Rank)	% <95th (Rank)	% ≥95th (Rank)	Number	% (Rank)
North Dakota	3,574	8.0	8.4	15,551	4.5	2.6	13.6	6,968	17.5	14.1		11,432	9.3
Nation (Prior Year)	1,909,620	9.0	6.4	7,107,000	6.0	4.5	14.1	2,943,996	16.5	14.8		4,916,523	14.9

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Rank compares this region's rate to other regions. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(7) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

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Table 7E
2009 Pediatric Nutrition Surveillance (1)
North Dakota

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Comparison of Breastfeeding, TV Viewing, and Smoking in Household by Region
Children Aged < 5 Years (3)

(2)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)										
	Breastfeeding (6)			Exclusive Breastfeeding (7)			≤2 Hours TV Viewing/Day (8)		Smoking in Household	
Region	Number	% Ever Breastfed (Rank)	Number % Breastfed At Least 6 Months (Rank)	Number % Breastfed At Least 12 Months (Rank)	Number % Breastfed At Least 3 Months (Rank)	Number % Breastfed At Least 6 Months (Rank)	Number % (Rank)		Number % (Rank)	
CDHU	155	61.3 (5)	126 16.7 (6)	94 * *	147 8.8 (8)	122 4.1 (7)	258 77.1 (8)		567 11.6 (3)	
FDHU	562	53.9 (7)	518 18.3 (5)	364 9.9 (7)	494 15.2 (4)	490 9.4 (4)	817 84.1 (2)		2,139 16.9 (8)	
James R	225	52.0 (8)	218 20.6 (3)	176 15.9 (1)	214 16.8 (3)	213 11.3 (2)	537 82.9 (4)		1,057 12.1 (4)	
LRDHU	239	41.0 (10)	241 11.6 (9)	190 5.8 (8)	247 5.3 (9)	241 2.1 (8)	660 78.3 (7)		1,223 9.5 (2)	
North RR	542	68.5 (1)	531 27.1 (1)	397 14.4 (2)	508 19.7 (2)	516 13.6 (1)	1,020 83.6 (3)		2,327 13.8 (5)	
Rolette	274	45.6 (9)	242 12.4 (8)	258 10.1 (6)	261 3.1 (10)	239 1.7 (9)	765 70.6 (9)		1,399 16.2 (7)	
So Central	378	66.1 (2)	361 20.5 (4)	295 11.5 (5)	366 13.4 (6)	345 5.5 (6)	772 68.3 (10)		1,683 14.2 (6)	
South RR	898	62.6 (4)	755 22.4 (2)	627 12.0 (4)	665 13.5 (5)	736 6.8 (5)	1,649 80.9 (5)		3,620 9.3 (1)	
SWDHU	159	62.9 (3)	98 * *	103 12.6 (3)	106 23.6 (1)	97 * *	263 87.8 (1)		625 18.1 (9)	
UMDHU	153	54.2 (6)	120 16.7 (6)	71 * *	133 12.8 (7)	112 9.8 (3)	191 80.1 (6)		499 31.9 (10)	
North Dakota	3,585	58.7	3,210 20.3	2,575 11.4	3,141 13.6	3,111 7.9	6,932 79.1		15,139 13.7	
Nation (Prior Year)	1,719,083	62.0	848,761 26.9	1,038,203 19.1	144,421 12.9	206,416 7.2	744,697 74.8		3,277,352 10.9	

(1) Reporting period is January 1 through December 31.

(2) TV Viewing and Smoking in Household data are not reported by all contributors.

(3) Analyses based on one record per child.

(4) Excludes records with unknown data or errors.

(5) Rank compares this region's rate to other regions. Rank 1 = best rate.

(6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

(7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

(8) Children aged 2 years and older included in the analyses.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Table 6E
2007 - 2009 Pediatric Nutrition Surveillance (1)
North Dakota
Comparison of Growth and Anemia Indicators by Region
Children Aged < 5 Years (2)

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Comparison of Growth and Anemia Indicators (3,4)													
Region	Birthweight (5)			Height and Weight							Anemia Low Hb/Hct (8)		
	Low	High		Short Stature (6)		Under- weight (7)	Obese (7)	≥ 2 Yrs Over- weight (7)					
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% <5th (Rank)	% <5th (Rank)	% ≥95th (Rank)	Number	% 85th- (Rank)	% <95th (Rank)	% ≥95th (Rank)	Number	% (Rank)
CDHU	392	9.9 (9)	7.4 (3)	1,694	4.2 (3)	2.2 (4)	13.0 (4)	737	16.7 (4)	11.1 (1)		1,311	10.1 (7)
FDHU	1,677	8.0 (4)	10.1 (8)	6,626	4.9 (6)	3.0 (8)	10.8 (1)	2,679	16.7 (4)	11.6 (4)		4,464	5.8 (3)
James R	701	9.8 (8)	9.8 (7)	3,249	4.6 (5)	2.9 (7)	14.2 (6)	1,514	16.9 (7)	14.3 (8)		2,445	8.8 (6)
LRDHU	763	7.7 (2)	14.0 (10)	3,735	3.8 (2)	3.5 (10)	15.8 (9)	1,860	16.2 (3)	12.0 (6)		3,042	14.7 (10)
North RR	1,774	8.0 (4)	9.5 (6)	7,247	5.2 (7)	3.0 (8)	13.2 (5)	2,997	16.7 (4)	13.2 (7)		4,801	11.9 (9)
Rolette	835	8.3 (6)	12.1 (9)	4,042	3.2 (1)	1.5 (1)	23.6 (10)	2,044	24.3 (10)	24.6 (10)		3,303	4.5 (1)
So Central	1,267	10.5 (10)	6.8 (2)	5,277	5.8 (8)	2.1 (2)	14.9 (8)	2,158	18.7 (8)	15.7 (9)		4,042	7.6 (4)
South RR	2,587	7.8 (3)	8.9 (5)	10,262	4.4 (4)	2.8 (5)	11.9 (3)	4,271	16.0 (2)	11.2 (2)		7,373	10.5 (8)
SWDHU	448	8.3 (6)	4.9 (1)	1,905	6.0 (9)	2.8 (5)	11.6 (2)	842	15.7 (1)	11.2 (2)		1,327	8.5 (5)
UMDHU	393	6.9 (1)	8.7 (4)	1,652	6.0 (9)	2.1 (2)	14.6 (7)	715	19.2 (9)	11.7 (5)		1,239	5.0 (2)

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Rank compares this region's rate to other regions. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(7) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Table 6E
2007 - 2009 Pediatric Nutrition Surveillance (1)
North Dakota
Comparison of Growth and Anemia Indicators by Region
Children Aged < 5 Years (2)

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Comparison of Growth and Anemia Indicators												(3,4)	
Region	Birthweight (5)			Height and Weight							Anemia Low Hb/Hct (8)		
	Low		High	Short Stature (6)		Under- weight (7)	Obese (7)	≥ 2 Yrs Over- weight (7)					
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% <5th (Rank)	% <5th (Rank)	% >95th (Rank)	Number	% 85th- <95th (Rank)	% >95th (Rank)	Number	% (Rank)	
North Dakota	10,837	8.4	9.4	45,689	4.7	2.7	13.9	19,817	17.6	13.8	33,347	9.1	

(1) Reporting period is January 1 through December 31.

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(3) Excludes records with unknown data or errors.

(4) Rank compares this region's rate to other regions. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(7) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Table 7E
2007 - 2009 Pediatric Nutrition Surveillance (1)
North Dakota

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Run Date: 6 / 1 / 10

Comparison of Breastfeeding, TV Viewing, and Smoking in Household by Region (2)
Children Aged < 5 Years (3)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)										
	Breastfeeding (6)					Exclusive Breastfeeding (7)			≤2 Hours TV Viewing/Day (8)	Smoking in Household
Region	Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastfed At Least 12 Months	Number	% Breastfed At Least 3 Months	Number	% Breastfed At Least 6 Months
		(Rank)		(Rank)		(Rank)		(Rank)		(Rank)
CDHU	467	63.2 (3)	437	16.0 (7)	292	9.9 (8)	436	10.8 (8)	408	5.1 (8)
FDHU	1,865	55.3 (7)	1,730	19.0 (5)	1,214	11.1 (5)	1,676	16.8 (3)	1,602	8.7 (4)
James R	800	54.5 (8)	769	22.2 (3)	598	12.7 (3)	739	16.6 (4)	736	9.8 (3)
LRDHU	838	41.6 (9)	803	13.1 (9)	702	5.3 (10)	805	8.7 (9)	793	4.2 (9)
North RR	2,005	67.8 (1)	1,854	24.2 (2)	1,382	13.3 (2)	1,820	19.2 (1)	1,776	12.4 (1)
Rolette	863	41.6 (9)	830	12.3 (10)	765	8.0 (9)	824	4.4 (10)	815	1.8 (10)
So Central	1,396	64.7 (2)	1,341	18.4 (6)	1,004	10.2 (6)	1,301	13.0 (6)	1,248	6.7 (7)
South RR	2,951	61.1 (5)	2,627	21.2 (4)	1,977	11.6 (4)	2,499	13.1 (5)	2,499	6.8 (6)
SWDHU	518	61.8 (4)	424	24.5 (1)	346	17.1 (1)	411	17.3 (2)	387	11.6 (2)
UMDHU	446	58.1 (6)	388	14.9 (8)	264	10.2 (6)	396	12.9 (7)	352	8.5 (5)
North Dakota	12,149	58.6	11,203	19.5	8,544	11.0	10,907	14.0	10,616	7.8
									18,703	78.1
										24,292
										24.6

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(4) Excludes records with unknown data or errors.

(5) Rank compares this region's rate to other regions. Rank 1 = best rate.

(6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

(7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

(8) Children aged 2 years and older included in the analyses.

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